

## **PHOSPHITE ESTER OXIDATION IN NUCLEIC ACID ARRAY PREPARATION**

### **ABSTRACT OF THE DISCLOSURE**

Methods are provided for preparing nucleic acid arrays on a support. In these  
5 methods a plurality of nucleic acids are synthesized on the support and the synthesis steps  
include oxidizing a phosphite triester nucleic acid linkage to a phosphate triester nucleic acid  
linkage using a solution about 0.005 to about 0.05 M iodine in a mixture comprising water  
and organic solvent.

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